

APPENDIX B

ENVIRONMENTAL DATA RESOURCES, INC. REPORT



The EDR Radius Map with GeoCheck®

**Baldwin Hardware Manufacturing Corp.
841 Wyomissing Boulevard
Reading, PA 19611**

Inquiry Number: 01010092.1r

July 10, 2003

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

841 WYOMISSING BOULEVARD
READING, PA 19611

COORDINATES

Latitude (North): 40.322070 - 40° 19' 19.5"
Longitude (West): 75.942210 - 75° 56' 32.0"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 419949.7
UTM Y (Meters): 4463720.0
Elevation: 289 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2440075-C8 READING, PA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
BALDWIN HARDWARE MFG CO 841 WYOMISSING BLVD READING, PA 19610	FINDS SWF/LF RCRIS-LQG TRIS RAATS CORRACTS CERC-NFRAP	19611BLDWN84
BALDWIN HDWR 841 E WYOMISSING BLVD READING, PA 19611	AST	N/A
BALDWIN HDWR 841 E WYOMISSING BLVD READING, PA 19612	AST	N/A
BALDWIN HARDWARE MFG CO INCINERATOR 841 WYOMISSING BLVD READING, PA 19603	SWF/LF	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-SQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

SHWS..... Hazardous Sites Cleanup Act Site List
UST..... Listing of Pennsylvania Regulated Underground Storage Tanks

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
DOD..... Department of Defense Sites
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

LAST..... Storage Tank Release Sites
ACT 2-DEED..... Act 2-Deed Acknowledgment Sites

BROWNFIELDS DATABASES

Inst Control..... Engineering and Institutional Controls at Act 2 Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 05/09/2003 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>READING BODYWORKS INC</i>	<i>HANCOCK BLVD & GERRY ST</i>	<i>1/8 - 1/4 S</i>	<i>6</i>	<i>13</i>

STATE ASTM STANDARD

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Resources' List of Confirmed Releases.

A review of the LUST list, as provided by EDR, and dated 04/11/2003 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
OAKBROOK PROJ	500 MCCLELLAN ST	1/8 - 1/4 SW	5	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>INTERSTATE CONTAINER</i>	<i>GRACE & MEADE STREETS</i>	<i>1/4 - 1/2 ESE</i>	<i>7</i>	<i>14</i>
ROLAND HUGHES TEXACO	231 LANCASTER AVE	1/4 - 1/2 E	8	16
G & G CLASSICS INC	800 LANCASTER AVE	1/4 - 1/2 SSE	B9	16
DECARLOS AUTO SALES	101 LANCASTER AVE	1/4 - 1/2 ENE	10	16
<i>READING READY MIX PLT</i>	<i>810 NEW HOLLAND RD</i>	<i>1/4 - 1/2 SSE</i>	<i>B12</i>	<i>17</i>

VCP: Voluntary Cleanup Program Sites List.

A review of the VCP list, as provided by EDR, and dated 05/09/2003 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EASTERN IND</i>	<i>810 NEW HOLLAND RD</i>	<i>1/4 - 1/2SSE</i>	<i>B11</i>	<i>16</i>

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there are 2 Coal Gas sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONSUMERS GAS CO.	460 CANAL	1/2 - 1 ENE	13	17
READING TANNERY	210 CHESTNUT	1/2 - 1 NE	14	17

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Sites List.

A review of the VCP list, as provided by EDR, and dated 05/09/2003 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

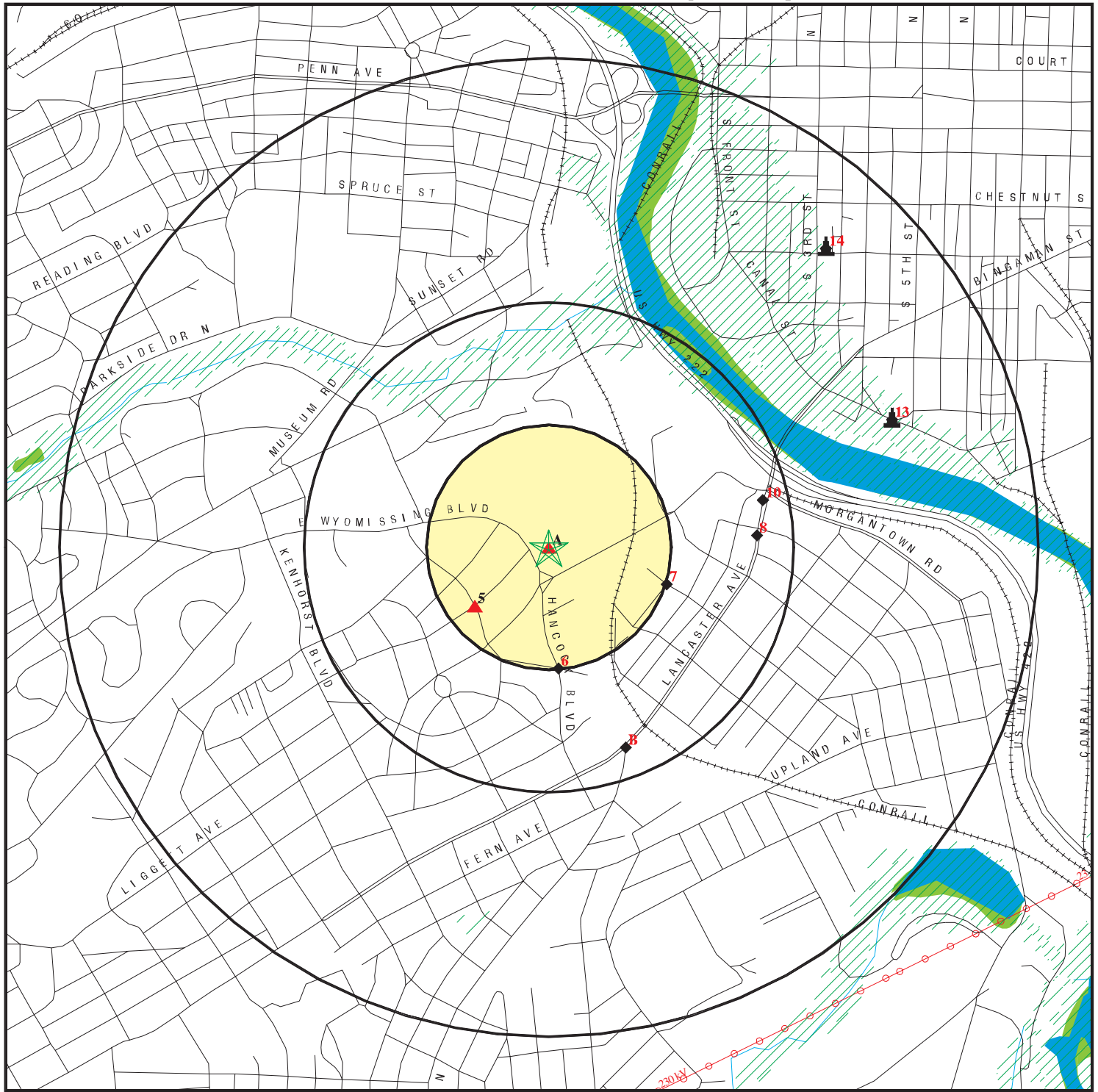
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EASTERN IND</i>	<i>810 NEW HOLLAND RD</i>	<i>1/4 - 1/2SSE</i>	<i>B11</i>	<i>16</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
STAGECOACH STOP RESTAURANT	LUST
READING TUBE PLT 2	LUST
READING TUBE PLT 4	LUST
FAIRGROUND SQUARE MALL	LUST

OVERVIEW MAP - 01010092.1r - Loureiro Engineering Assoc. PC



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

⚡ Power transmission lines

⚡ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

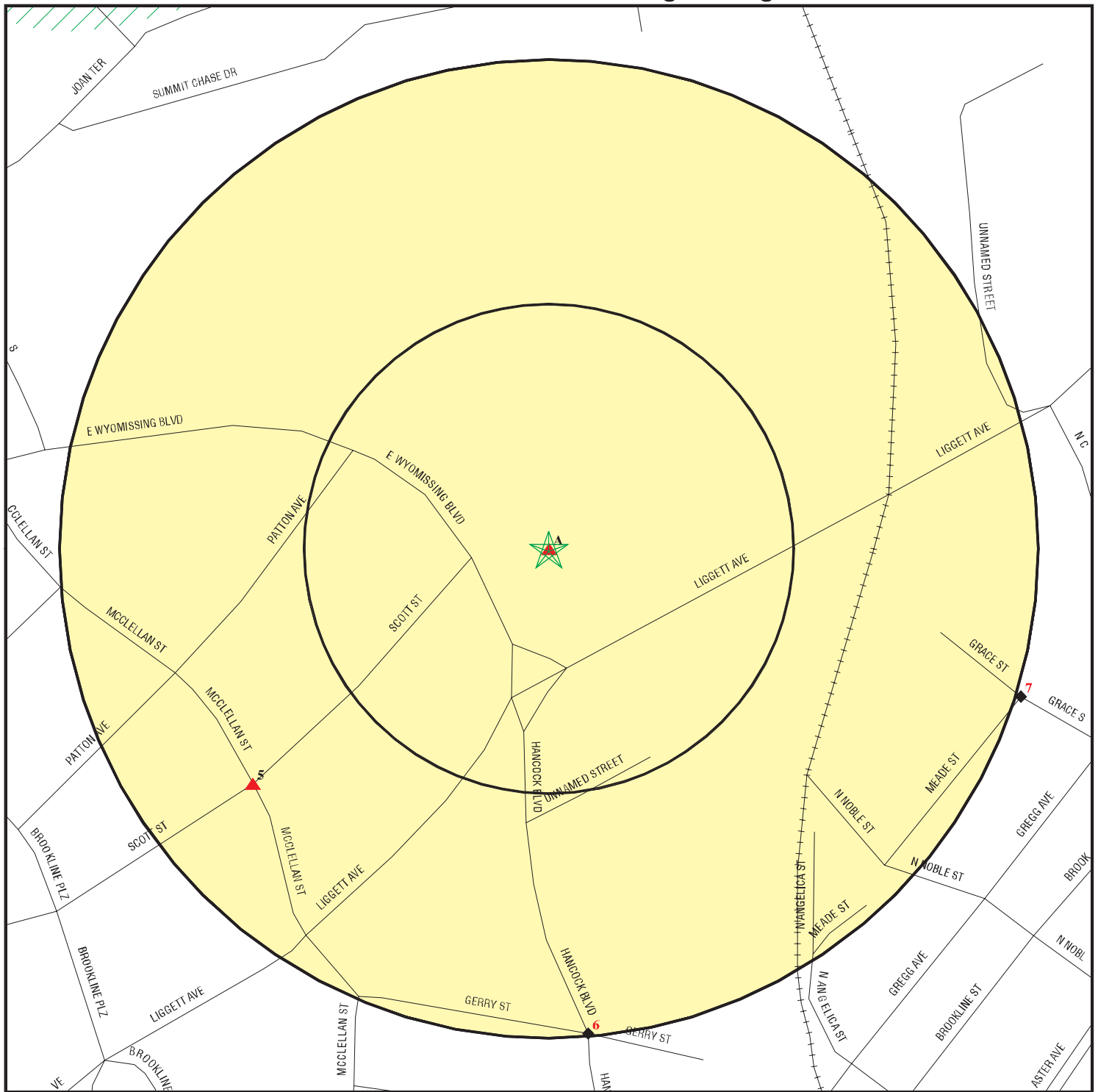
■ Federal Wetlands

0 1/4 1/2 1 Miles

TARGET PROPERTY: Baldwin Hardware Manufacturing Corp.
ADDRESS: 841 Wyomissing Boulevard
CITY/STATE/ZIP: Reading PA 19611
LAT/LONG: 40.3221 / 75.9422

CUSTOMER: Loureiro Engineering Assoc. PC
CONTACT: David N. Scotti
INQUIRY #: 01010092.1r
DATE: July 10, 2003 12:20 pm

DETAIL MAP - 01010092.1r - Loureiro Engineering Assoc. PC



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Coal Gasification Sites
- ⚙ Sensitive Receptors
- ⚙ National Priority List Sites
- ⚙ Landfill Sites
- ⚙ Dept. Defense Sites

- ⚙ Oil & Gas pipelines
- ⚙ 100-year flood zone
- ⚙ 500-year flood zone

0 1/16 1/8 1/4 Miles



TARGET PROPERTY: Baldwin Hardware Manufacturing Corp.
ADDRESS: 841 Wyomissing Boulevard
CITY/STATE/ZIP: Reading PA 19611
LAT/LONG: 40.3221 / 75.9422

CUSTOMER: Loureiro Engineering Assoc. PC
CONTACT: David N. Scotti
INQUIRY #: 01010092.1r
DATE: July 10, 2003 12:20 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP	X	0.250	0	0	NR	NR	NR	0
CORRACTS	X	1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.	X	0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill	X	0.500	0	0	0	NR	NR	0
LUST		0.500	0	1	5	NR	NR	6
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	1	NR	NR	1
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
RAATS	X	TP	NR	NR	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST	X	TP	NR	NR	NR	NR	NR	0
LAST		TP	NR	NR	NR	NR	NR	0
ACT 2-DEED		TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.000	0	0	0	2	NR	2
<u>BROWNFIELDS DATABASES</u>								
Inst Control		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
VCP		0.500	0	0	1	NR	NR	1

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A1
Target
Property

BALDWIN HARDWARE MFG CO
841 WYOMISSING BLVD
READING, PA 19610

Actual:
291 ft.

Site 1 of 4 in cluster A

Database(s)

EDR ID Number
EPA ID Number

FINDS
SWF/LF
RCRIS-LQG
TRIS
RAATS
CORRACTS
CERC-NFRAP

1000193489
19611BLDWN84

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Non NPL Code: NFRAP

Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: SITE INSPECTION

Assessment: DISCOVERY

Assessment: ARCHIVE SITE

Assessment: PRELIMINARY ASSESSMENT

Completed: 07/01/1981

Completed: 07/01/1981

Completed: 04/01/1982

Completed: 04/01/1982

CERCLIS-NFRAP Alias Name(s):

BALDWIN HARDWARE MFG CO

CORRACTS Data:

EPA Id: PAD002350833

Region: 3

State: PA

Area Name: ENTIRE FACILITY

Original Scheduled Date: Not reported

New Scheduled Date: 10/01/1991

Actual Date: Not reported

Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

EPA Id: PAD002350833

Region: 3

State: PA

Area Name: ENTIRE FACILITY

Original Scheduled Date: 4/1/1987

New Scheduled Date: 04/01/1987

Actual Date: Not reported

Corrective Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary

EPA Id: PAD002350833

Region: 3

State: PA

Area Name: ENTIRE FACILITY

Original Scheduled Date: Not reported

New Scheduled Date: 08/11/1995

Actual Date: Not reported

Corrective Action: CA750YE - Migration of Contaminated Groundwater under Control , Yes, Migration of Contaminated Groundwater Under Control has been verified

EPA Id: PAD002350833

Region: 3

State: PA

Area Name: ENTIRE FACILITY

Original Scheduled Date: Not reported

New Scheduled Date: 06/15/1992

Actual Date: Not reported

Corrective Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the,status of corrective action work at the

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BALDWIN HARDWARE MFG CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000193489

facility, technical factors, the degree of risk, timing considerations and administrative considerations

EPA Id: PAD002350833
Region: 3
State: PA
Area Name: GROUNDWATER
Original Scheduled Date: Not reported
New Scheduled Date: 05/20/1984
Actual Date: Not reported
Corrective Action: CA300 - CMS Workplan Approved

The CORRACTS database contains 7 additional records for this site.
Please contact your EDR Account Executive for more information.

RCRIS Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 08/11/1995

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 08/11/1995

Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event Date: 06/15/1992

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event Date: 10/01/1991

Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Event Date: 04/01/1987

Event: RFI Imposition

Event Date: 04/01/1987

Event: RFA Completed

Event Date: 11/01/1984

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BALDWIN HARDWARE MFG CO (Continued)

EDR ID Number
EPA ID Number

1000193489

Event: Date For Remedy Selection (CM Imposed)
Event Date: 11/01/1984

Event: CMS Approved
Event Date: 11/01/1984

Event: RFI Approved
Event Date: 11/01/1984

Event: RFI Workplan Approved
Event Date: 05/20/1984

Event: CMS Workplan Approved
Event Date: 05/20/1984

RCRIS:

Owner: BALDWIN HARDWARE MANUFACTURING CORP
(215) 777-7811
EPA ID: PAD002350833
Contact: JOHN BLEWETT
(215) 777-7811

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	22838.00	D002	599591.00
D003	8188400.00	D004	5369.00
D005	5369.00	D007	18331195.00
D008	1927833.00	D038	5369.00
D040	248009.00	F001	208443.00
F003	15005.00	F005	20374.00
F006	393080.00	P105	2.00

Violation Status: Violations exist

Regulation Violated: 40cfr262.34(c)(1)
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 09/09/2002
Actual Date Achieved Compliance: 09/23/2002

Regulation Violated: 25PAcode265a.173(3)
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 09/09/2002
Actual Date Achieved Compliance: 09/23/2002

Regulation Violated: 40cfr262.34(a)
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 09/09/2002
Actual Date Achieved Compliance: 09/23/2002

Regulation Violated: 40 cfr 264.15d
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 01/28/2002
Actual Date Achieved Compliance: 09/09/2002

Regulation Violated: 40 cfr 264.54
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 01/28/2002
Actual Date Achieved Compliance: 09/09/2002

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BALDWIN HARDWARE MFG CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000193489

Regulation Violated:	40 cfr 164.16(c)
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	01/28/2002
Actual Date Achieved Compliance:	09/09/2002
Regulation Violated:	25PAcode262a.20(1)and(4)
Area of Violation:	GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined:	03/01/2001
Actual Date Achieved Compliance:	03/01/2001
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/12/2001
Penalty Type:	Not reported
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	07/24/2001
Penalty Type:	Not reported
Regulation Violated:	40 CFR 262.41
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	05/30/2000
Actual Date Achieved Compliance:	06/19/2000
Regulation Violated:	262.42(a)
Area of Violation:	GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined:	03/31/1995
Actual Date Achieved Compliance:	04/19/1995
Regulation Violated:	262.30(a)(2)(3),262.34(a)(2)(3
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	03/29/1995
Actual Date Achieved Compliance:	04/19/1995
Regulation Violated:	25 PA CODE CHAPT.264.15(e)
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	04/22/1994
Actual Date Achieved Compliance:	08/03/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/27/1994
Penalty Type:	Not reported
Regulation Violated:	262.41
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	03/20/1992
Actual Date Achieved Compliance:	06/03/1993
Enforcement Action:	FINAL 3008(H) I.S. CA ORDERS (NON-HSWA)
Enforcement Action Date:	04/13/1987
Penalty Type:	Final Monetary Penalty
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/26/1992
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	10/28/1993
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/01/1991
Actual Date Achieved Compliance:	06/03/1993

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BALDWIN HARDWARE MFG CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000193489

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/12/1991
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/12/1990
Actual Date Achieved Compliance:	09/13/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/23/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/12/1990
Actual Date Achieved Compliance:	09/13/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/23/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined:	09/22/1988
Actual Date Achieved Compliance:	06/12/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/22/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined:	03/28/1986
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	FINAL 3008(H) I.S. CA ORDERS (NON-HSWA)
Enforcement Action Date:	04/13/1987
Penalty Type:	Final Monetary Penalty
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/26/1992
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	10/28/1993
Penalty Type:	Final Monetary Penalty

There are 17 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	20020923
	GENERATOR-OTHER REQUIREMENTS	20020923
	GENERATOR-OTHER REQUIREMENTS	20020923
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	20020909
	GENERATOR-OTHER REQUIREMENTS	20020909
	GENERATOR-OTHER REQUIREMENTS	20020909
Non-Financial Record Review	GENERATOR-MANIFEST REQUIREMENTS	20010301
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20000619
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19950419
	GENERATOR-MANIFEST REQUIREMENTS	19950419
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19940803

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BALDWIN HARDWARE MFG CO (Continued)

1000193489

Compliance Evaluation Inspection	GENERATOR-RECORDKEEPING REQUIREMENTS	19930603
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930603
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900913
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900913
Compliance GW Monitoring Evaluation	TSD-GOUNDWATER MONITORING REQUIREMENTS	19900612
Non-Financial Record Review	TSD-GOUNDWATER MONITORING REQUIREMENTS	

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

CT MANIFEST

Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- AIRS Facility System (AIRS/AFS)
- Biennial Reporting System (BRS)
- Facility Registry System (FRS)
- ICIS
- National Emissions Trends (NET)
- National Toxics Inventory (NTI)
- Pennsylvania Environment, Facility, Application, Compliance Tracking System (PA-EFACTS)
- Permit Compliance System (PCS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

SWF/LF:

Landfill Facility ID: 400478
Last Inspection Date: 03/03/92
Facility Type: MUNICIPAL INCINERATOR
Operational Status: PRIVATE
Email Address: Not reported
Permit Suspended: Not reported
Permit: Not reported
Region: LF
Flag: Not reported
Permit Acres: Not reported
Contact Id: Not reported
Contact Person: Not reported
Contact Phone: Not reported
Township: Not reported

A2 **BALDWIN HDWR**
Target **841 E WYOMISSING BLVD**
Property **READING, PA 19611**

AST **A100164333**
N/A

Site 2 of 4 in cluster A

Actual:
291 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BALDWIN HDWR (Continued)

EDR ID Number
EPA ID Number

Database(s)

A100164333

AST:

Facility ID: 06-37850
Owner ID: 10802
Owner: BRENNTAG NORTHEAST INC
Owner Address: ROUTE 61 & HULLER LN
PO BOX 13788
READING, PA 19612
Owner Phone: 6109264151
Tank ID: 153549
Tank Sequence Number: 001A
Tank Status: CURRENTLY IN USE
Date Installed: 11/01/1999
Chemical: HAZARDOUS SUBSTANCE
Tank Capacity: 800

**A3
Target
Property**

**BALDWIN HDWR
841 E WYOMISSING BLVD
READING, PA 19612**

**AST U001960978
N/A**

Site 3 of 4 in cluster A

**Actual:
291 ft.**

AST:

Facility ID: 06-14219
Owner ID: 2709
Owner: BALDWIN HDWR CORP
Owner Address: 841 E WYOMISSING BLVD
BOX 15048
READING, PA 19612
Owner Phone: 6107777811
Tank ID: 8252
Tank Sequence Number: 001A
Tank Status: CURRENTLY IN USE
Date Installed: 06/01/1986
Chemical: HAZARDOUS SUBSTANCE
Tank Capacity: 1400

**A4
Target
Property**

**BALDWIN HARDWARE MFG CO INCINERATOR
841 WYOMISSING BLVD
READING, PA 19603**

**SWF/LF S102045875
N/A**

Site 4 of 4 in cluster A

**Actual:
291 ft.**

SWF/LF:

Landfill Facility ID: 300593
Last Inspection Date: Not reported
Facility Type: RESIDENTIAL INCINERATOR
Operational Status: PRIVATE
Email Address: Not reported
Permit Suspended: Not reported
Permit: Not reported
Region: LF
Flag: Not reported
Permit Acres: Not reported
Contact Id: Not reported
Contact Person: Not reported
Contact Phone: Not reported
Township: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BALDWIN HARDWARE MFG CO INCINERATOR (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102045875

5
SW
1/8-1/4
1018 ft.

OAKBROOK PROJ
500 MCCLELLAN ST
READING, PA

LUST **S101473337**
N/A

Relative:
Higher

LUST:

Actual:
311 ft.

Facility Id: 06-61660
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim Remedial Actions Initiated or Completed
Status Date: Not reported
Description : OAKBROOK PROJ
Release Date: 5-Aug-89
Region: SC - 3

6
South
1/8-1/4
1311 ft.

READING BODYWORKS INC
HANCOCK BLVD & GERRY ST
READING, PA 19603

FINDS **1000189442**
RCRIS-LQG **19551RDNGLPO**
TRIS

Relative:
Lower

RCRIS:

Actual:
280 ft.

Owner: IRVING SUKNOW
(215) 555-1212
EPA ID: PAD002338143
Contact: RUSS ROSER
(215) 775-3301
Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	15596.00	D035	39346.00

Violation Status: Violations exist

Regulation Violated:	CHPT 262.34(a)(3),265.178
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	05/05/1995
Actual Date Achieved Compliance:	05/10/1995
Regulation Violated:	CHPT 262.34(a)(3),265.174
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	05/05/1995
Actual Date Achieved Compliance:	05/10/1995

There are 2 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19950510
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19950510

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

READING BODYWORKS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000189442

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Facility Registry System (FRS)
ICIS
National Compliance Database (NCDB)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Pennsylvania Environment, Facility, Application, Compliance Tracking System (PA-EFACTS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

**7
ESE
1/4-1/2
1334 ft.**

**INTERSTATE CONTAINER
GRACE & MEADE STREETS
READING, PA 19603**

**RCRIS-SQG
FINDS
LUST
AST**

**1000218911
PAD071189492**

**Relative:
Lower**

RCRIS:

Owner: INDEVCO - BEIRUT LEBANON
(215) 555-1212
EPA ID: PAD071189492
Contact: MEL BROWN
(215) 376-7123

**Actual:
245 ft.**

Classification: Small Quantity Generator
TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Pennsylvania Environment, Facility, Application, Compliance Tracking System (PA-EFACTS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility Id: 06-37418
Facility Type: Underground Storage Tank Containing Haz Substances
Facility Status: Interim Remedial Actions Initiated or Completed
Status Date: 15-Dec-86
Description : INTERSTATE CONTAINER CORP
Release Date: 15-Nov-86
Region: SC - 3

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERSTATE CONTAINER (Continued)

1000218911

AST:

Facility ID: 06-41748
Owner ID: 11552
Owner: INTERSTATE RESOURCES
Owner Address: 1800 N KENT ST STE 1200
ROSSLYN, VA 22209
Owner Phone: 7032433355
Tank ID: 64329
Tank Sequence Number: 001A
Tank Status: CURRENTLY IN USE
Date Installed: 00/00/0000
Chemical: KEROSENE
Tank Capacity: 400

Facility ID: 06-41748
Owner ID: 11552
Owner: INTERSTATE RESOURCES
Owner Address: 1800 N KENT ST STE 1200
ROSSLYN, VA 22209
Owner Phone: 7032433355
Tank ID: 64330
Tank Sequence Number: 002A
Tank Status: CURRENTLY IN USE
Date Installed: 00/00/0000
Chemical: HAZARDOUS SUBSTANCE
Tank Capacity: 5000

Facility ID: 06-41748
Owner ID: 11552
Owner: INTERSTATE RESOURCES
Owner Address: 1800 N KENT ST STE 1200
ROSSLYN, VA 22209
Owner Phone: 7032433355
Tank ID: 64331
Tank Sequence Number: 003A
Tank Status: CURRENTLY IN USE
Date Installed: 12/01/1989
Chemical: HEATING OIL
Tank Capacity: 4000

Facility ID: 06-41748
Owner ID: 11552
Owner: INTERSTATE RESOURCES
Owner Address: 1800 N KENT ST STE 1200
ROSSLYN, VA 22209
Owner Phone: 7032433355
Tank ID: 64332
Tank Sequence Number: 004A
Tank Status: CURRENTLY IN USE
Date Installed: 11/01/1989
Chemical: HEATING OIL
Tank Capacity: 2000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8
East
1/4-1/2
2251 ft.

ROLAND HUGHES TEXACO
231 LANCASTER AVE
READING, PA

LUST **S103473421**
N/A

Relative:
Lower

Actual:
234 ft.

LUST:
Facility Id: 06-23176
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Interim Remedial Actions Initiated or Completed
Status Date: 18-May-99
Description : RICHARD HUGHES TEXACO tanks 1 thru 4
Release Date: 29-Oct-98
Region: SC - 3

B9
SSE
1/4-1/2
2315 ft.

G & G CLASSICS INC
800 LANCASTER AVE
READING, PA

LUST **S104416656**
N/A

Site 1 of 3 in cluster B

Relative:
Lower

Actual:
245 ft.

LUST:
Facility Id: 06-11347
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 28-Sep-00
Description : HESTON SWARTLEY tanks 1, 2, and 3
Release Date: 5-Aug-89
Region: SC - 3

10
ENE
1/4-1/2
2366 ft.

DECARLOS AUTO SALES
101 LANCASTER AVE
READING, PA

LUST **S105801305**
N/A

Relative:
Lower

Actual:
222 ft.

LUST:
Facility Id: 06-63947
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Inactive
Status Date: 20-Mar-03
Description : DECARLOS AUTO SALES TANKS 5 AND 6
Release Date: 15-Sep-97
Region: SC - 3

B11
SSE
1/4-1/2
2369 ft.

EASTERN IND
810 NEW HOLLAND RD
READING, PA 19603

ACT 2-DEED **S101473273**
VCP **N/A**

Site 2 of 3 in cluster B

Relative:
Lower

Actual:
239 ft.

PA ACT 2 DEED:
Facility Type : NON-RESIDENTIAL STATEWIDE HEALTH CLEANUP STANDARD SITES
Municipality : Reading
VCP:
Municipality: Reading

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EASTERN IND (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101473273

**B12
SSE
1/4-1/2
2369 ft.**

**READING READY MIX PLT
810 NEW HOLLAND RD
READING, PA 19607**

**LUST U003216421
UST N/A**

Site 3 of 3 in cluster B

**Relative:
Lower**

LUST:

**Actual:
239 ft.**

Facility Id: 06-29857
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 22-Aug-96
Description : EASTERN IND INC tanks 1 and 2
Release Date: 5-Aug-89
Region: SC - 3

UST:

Owner Name:	BERKS PROD	Facility ID:	06-29857
Capacity:	10000	Date Installed:	07/20/1992
Tank Seq No:	004	Chemical:	DIESEL
Owner ID:	1935	Tank ID:	65211
Address	PO BOX 421		
	READING, PA 19603		
Tank Status:	CURRENTLY IN USE		
Telephone:	(610) 374-5321		

**13
ENE
1/2-1
3950 ft.**

**CONSUMERS GAS CO.
460 CANAL
READING, PA 19602**

**Coal Gas G000000231
N/A**

**Relative:
Lower**

COAL GAS SITE DESCRIPTION:

Site is at the southern end of South 5th Street, on the south side of Canal, south of the railroad tracks, north of the Schuylkill River. Site is a CERCLIS Site I.D. #PAD980539159

**Actual:
207 ft.**

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**14
NE
1/2-1
4398 ft.**

**READING TANNERY
210 CHESTNUT
READING, PA 19067**

**Coal Gas G000000154
N/A**

**Relative:
Lower**

COAL GAS SITE DESCRIPTION:

Site is on the south side of Chestnut, between Mifflin and Second.

**Actual:
214 ft.**

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ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
READING	S105801399	STAGECOACH STOP RESTAURANT	RTE 222 / RTE 73		LUST
READING	S105801370	READING TUBE PLT 2	ROUTE 61		LUST
READING	S105801371	READING TUBE PLT 4	ROUTE 61		LUST
READING	S103284829	FAIRGROUND SQUARE MALL	3050 N FIFTH ST HWY		LUST

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D004	ARSENIC
D005	BARIUM
D007	CHROMIUM
D008	LEAD
D035	METHYL ETHYL KETONE
D038	PYRIDINE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND

EPA Waste Codes Addendum

Code	Description
	F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
P105	SODIUM AZIDE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/30/03

Date Made Active at EDR: 06/02/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/05/03

Elapsed ASTM days: 28

Date of Last EDR Contact: 05/09/03

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 6

Telephone: 214-655-6659

EPA Region 3

Telephone 215-814-5418

EPA Region 8

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 04/30/03

Date Made Active at EDR: 06/02/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/05/03

Elapsed ASTM days: 28

Date of Last EDR Contact: 05/05/03

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/19/03

Date Made Active at EDR: 04/08/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/24/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 06/23/03

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/19/03
Date Made Active at EDR: 04/08/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/24/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 06/23/03

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/31/03
Date Made Active at EDR: 05/08/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/07/03
Elapsed ASTM days: 31
Date of Last EDR Contact: 06/09/03

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 05/09/03
Date Made Active at EDR: 07/01/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/09/03
Elapsed ASTM days: 53
Date of Last EDR Contact: 06/26/03

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 04/28/03

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/09/03
Database Release Frequency: Annually

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/05/03
Date of Next Scheduled EDR Contact: 08/04/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 01/31/03
Database Release Frequency: Annually

Date of Last EDR Contact: 04/30/03
Date of Next Scheduled EDR Contact: 07/21/03

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/23/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 03/11/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/26/03
Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

DOD: Department of Defense Sites

Source: USGS

Telephone: 703-648-5920

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 06/27/03
Date of Next Scheduled EDR Contact: 09/22/03

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 04/15/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00

Database Release Frequency: Annually

Date of Last EDR Contact: 05/09/03

Date of Next Scheduled EDR Contact: 07/21/03

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/15/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/03

Date of Next Scheduled EDR Contact: 09/22/03

STATE OF PENNSYLVANIA ASTM STANDARD RECORDS

SHWS: Hazardous Sites Cleanup Act Site List

Source: Department Environmental Protection

Telephone: 717-783-7816

The Hazardous Sites Cleanup Act Site List includes sites listed on PA Priority List, sites delisted from PA Priority List, Interim Response Completed sites, and Sites Being Studied or Response Being Planned.

Date of Government Version: 06/06/02

Date Made Active at EDR: 09/06/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/19/02

Elapsed ASTM days: 18

Date of Last EDR Contact: 05/21/03

PA SWF/LF:

SWF/LF: Solid Waste Facility Inventory/Transfer Stations

Source: Department of Environmental Protection

Telephone: 717-783-9258

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. Database addresses may represent a sites locational and/or mailing address.

Date of Government Version: 11/04/02

Date Made Active at EDR: 01/16/03

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 12/26/02

Elapsed ASTM days: 21

Date of Last EDR Contact: 06/23/03

SWF/LF: Operating Facilities

Source: Department of Environmental Protection

Telephone: 717-787-7564

Date of Government Version: 03/28/02

Date Made Active at EDR: 06/20/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/06/02

Elapsed ASTM days: 14

Date of Last EDR Contact: 06/23/03

SWF/LF: Transfer Stations

Source: Department of Environmental Protection

Telephone: 717-787-7564

A listing of transfer stations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/99
Date Made Active at EDR: 04/19/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/29/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 06/23/03

SWF/LF: Inactive Solid Waste Landfill

Source: Department of Environmental Protection
Telephone: 717-783-9258

Inactive Solid Waste Facilities. This listing is no longer updated by the state.

Date of Government Version: 12/20/94
Date Made Active at EDR: 06/30/99
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 06/08/99
Elapsed ASTM days: 22
Date of Last EDR Contact: 06/23/03

LUST: Storage Tank Release Sites

Source: Department of Environmental Protection
Telephone: 717-783-7509

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/11/03
Date Made Active at EDR: 05/12/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/18/03
Elapsed ASTM days: 24
Date of Last EDR Contact: 04/15/03

UST: Listing of Pennsylvania Regulated Underground Storage Tanks

Source: Department of Environmental Protection
Telephone: 717-772-5599

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/01/01
Date Made Active at EDR: 01/31/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 01/08/02
Elapsed ASTM days: 23
Date of Last EDR Contact: 04/15/03

VCP: Voluntary Cleanup Program Sites

Source: Department of Environmental Protection
Telephone: 717-783-2388

Sites involved in the Voluntary Cleanup Program

Date of Government Version: 05/09/03
Date Made Active at EDR: 06/03/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/23/03
Elapsed ASTM days: 11
Date of Last EDR Contact: 05/20/03

STATE OF PENNSYLVANIA ASTM SUPPLEMENTAL RECORDS

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks

Source: Department of Environmental Protection
Telephone: 717-772-5599

Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/01
Database Release Frequency: Varies

Date of Last EDR Contact: 04/15/03
Date of Next Scheduled EDR Contact: 07/14/03

LAST: Storage Tank Release Sites

Source: Department of Environmental Protection
Telephone: 717-783-7509

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 04/11/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/15/03
Date of Next Scheduled EDR Contact: 07/14/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ACT 2-DEED: Act 2-Deed Acknowledgment Sites

Source: Department of Environmental Protection

Telephone: 717-783-9470

This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

Date of Government Version: 05/09/03

Database Release Frequency: Varies

Date of Last EDR Contact: 05/29/03

Date of Next Scheduled EDR Contact: 08/18/03

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

STATE OF PENNSYLVANIA BROWNFIELDS DATABASES RECORDS

Inst Control: Engineering and Institutional Controls at Act 2 Sites

Source: Department of Environmental Protection

Telephone: 717-783-9470

Under Act 2 and the accompanying regulations, Administration of Land Recycling Program, persons who perform a site cleanup using a site-specific standard or affect a special industrial area cleanup may use engineering or institutional controls to attain the cleanup. The sites listed had either an engineering control and/or an institutional control used in the remediation of the site.

Date of Government Version: 05/08/03

Database Release Frequency: Varies

Date of Last EDR Contact: 05/19/03

Date of Next Scheduled EDR Contact: 08/18/03

VCP: Voluntary Cleanup Program Sites

Source: Department of Environmental Protection

Telephone: 717-783-2388

Sites involved in the Voluntary Cleanup Program

Date of Government Version: 05/09/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/03

Date of Next Scheduled EDR Contact: 08/18/03

BROWNFIELDS: Brownfields Sites

Source: Department of Environmental Protection

Telephone: 717-783-7509

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BALDWIN HARDWARE MANUFACTURING CORP.
841 WYOMISSING BOULEVARD
READING, PA 19611

TARGET PROPERTY COORDINATES

Latitude (North):	40.322071 - 40° 19' 19.5"
Longitude (West):	75.942207 - 75° 56' 31.9"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	419949.7
UTM Y (Meters):	4463720.0
Elevation:	289 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

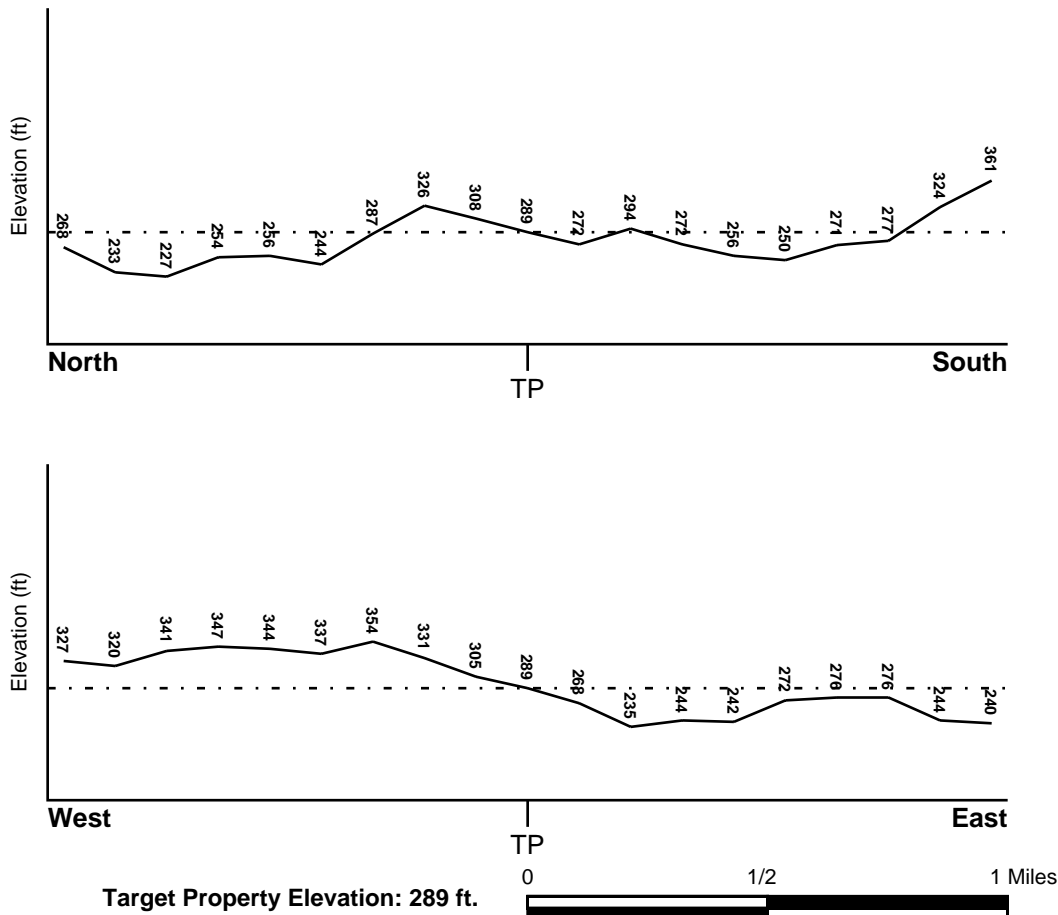
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 2440075-C8 READING, PA
General Topographic Gradient: General ESE
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood</u>
BERKS, PA	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	42011C0504E
Additional Panels in search area:	42011C0508E
	42011C0512E
	42011C0516E

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
READING	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	C (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: HAGERSTOWN

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 80 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 6.00 Min: 0.60	Max: 6.50 Min: 4.50
2	8 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.30 Min: 4.50
3	20 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam

Surficial Soil Types: silty clay loam

Shallow Soil Types: silt loam

Deeper Soil Types: channery - silt loam
stratified loam
unweathered bedrock

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS0896613	0 - 1/8 Mile North
B4	USGS0896618	0 - 1/8 Mile ESE
B6	USGS0896615	0 - 1/8 Mile East
C7	USGS0896679	0 - 1/8 Mile NE
C10	USGS0896608	1/8 - 1/4 Mile NE
D12	USGS0896621	1/8 - 1/4 Mile ESE
D13	USGS0896685	1/8 - 1/4 Mile ESE
D16	USGS0896626	1/8 - 1/4 Mile ESE
E17	USGS0896698	1/4 - 1/2 Mile ESE
E19	USGS0896629	1/4 - 1/2 Mile ESE
E21	USGS0896699	1/4 - 1/2 Mile ESE
E24	USGS0896694	1/4 - 1/2 Mile ESE
F25	USGS0896708	1/4 - 1/2 Mile SSE
27	USGS0896598	1/4 - 1/2 Mile NE
G29	USGS0896642	1/2 - 1 Mile SSW
H30	USGS0896527	1/2 - 1 Mile NE
H31	USGS0896593	1/2 - 1 Mile ENE
H34	USGS0896521	1/2 - 1 Mile NE
I36	USGS0896595	1/2 - 1 Mile ENE
H37	USGS0896592	1/2 - 1 Mile NE
J39	USGS0896587	1/2 - 1 Mile NE
K41	USGS0896524	1/2 - 1 Mile NE
L43	USGS0896590	1/2 - 1 Mile NE
M45	USGS0896510	1/2 - 1 Mile NE
M46	USGS0896506	1/2 - 1 Mile NNE
N48	USGS0896653	1/2 - 1 Mile SSW
O51	USGS0896643	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

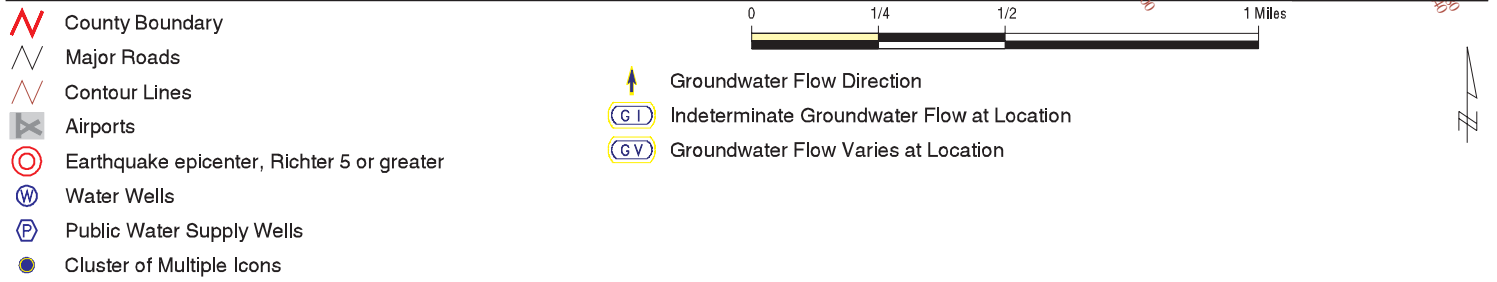
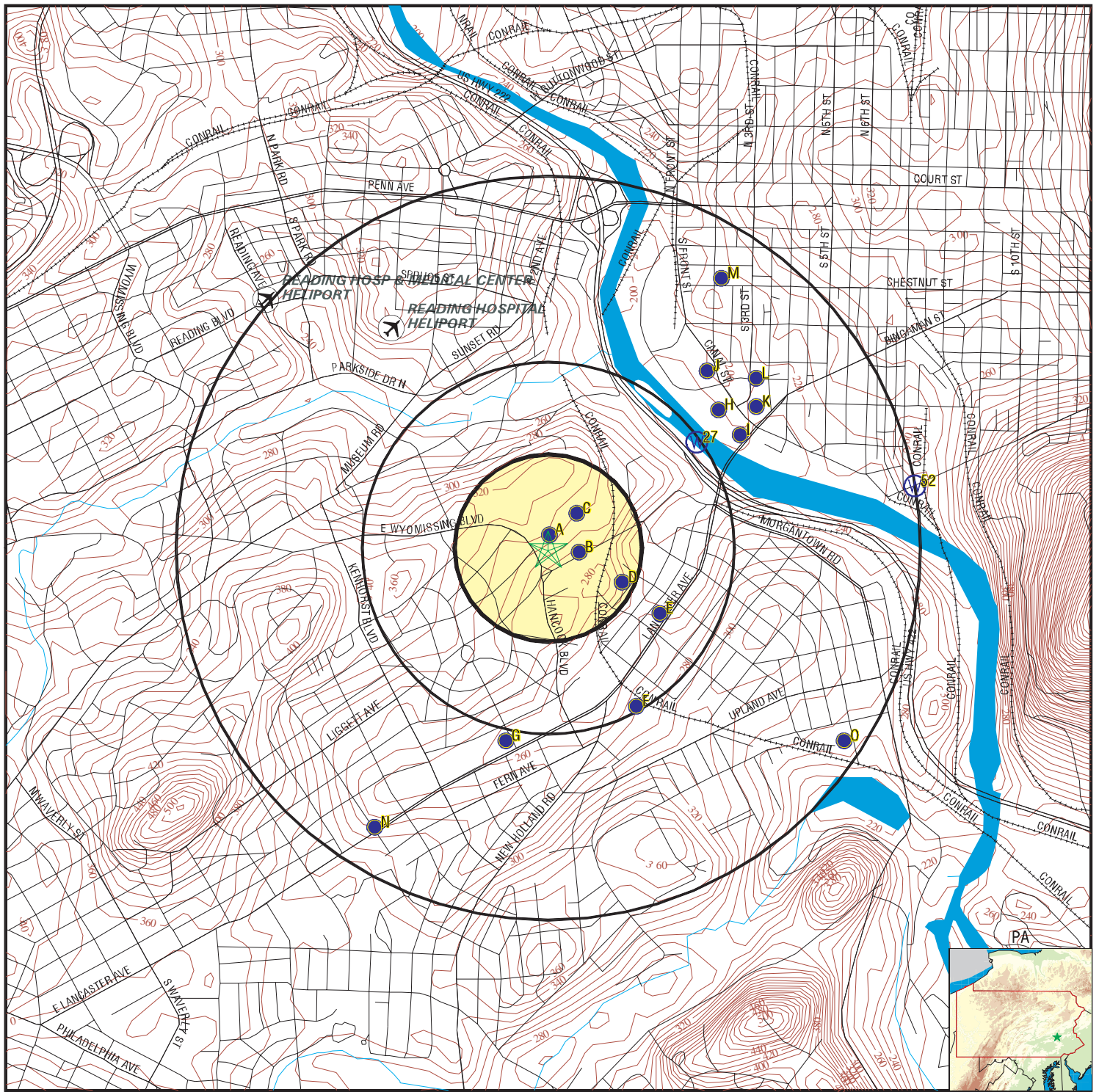
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	DPA00016482	0 - 1/8 Mile North
B3	DPA00016462	0 - 1/8 Mile ESE
B5	DPA00016472	0 - 1/8 Mile East
C8	DPA00016502	0 - 1/8 Mile NE
C9	DPA00016526	1/8 - 1/4 Mile NE
D11	DPA00016430	1/8 - 1/4 Mile ESE
D14	DPA00016439	1/8 - 1/4 Mile ESE
D15	DPA00016419	1/8 - 1/4 Mile ESE
E18	DPA00016391	1/4 - 1/2 Mile ESE
E20	DPA00016379	1/4 - 1/2 Mile ESE
E22	DPA00016392	1/4 - 1/2 Mile ESE
E23	DPA00016401	1/4 - 1/2 Mile ESE
F26	DPA00016274	1/4 - 1/2 Mile SSE
G28	DPA00016231	1/2 - 1 Mile SSW
H32	DPA00016619	1/2 - 1 Mile ENE
H33	DPA00016650	1/2 - 1 Mile NE
I35	DPA00016607	1/2 - 1 Mile ENE
J38	DPA00016678	1/2 - 1 Mile NE
K40	DPA00016644	1/2 - 1 Mile NE
L42	DPA00016672	1/2 - 1 Mile NE
M44	DPA00016792	1/2 - 1 Mile NE
M47	DPA00016804	1/2 - 1 Mile NNE
N49	DPA00016120	1/2 - 1 Mile SSW
O50	DPA00016232	1/2 - 1 Mile ESE
52	DPA00016551	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 01010092.1r



TARGET PROPERTY: Baldwin Hardware Manufacturing Corp.
 ADDRESS: 841 Wyomissing Boulevard
 CITY/STATE/ZIP: Reading PA 19611
 LAT/LONG: 40.3221 / 75.9422

CUSTOMER: Loureiro Engineering Assoc. PC
 CONTACT: David N. Scotti
 INQUIRY #: 01010092.1r
 DATE: July 10, 2003 12:21 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
North
0 - 1/8 Mile
Higher

FED USGS USGS0896613

Agency:	USGS	Site ID:	401921075563301
Site Name:	BE 1398		
Dec. Latitude:	40.32259		
Dec. Longitude:	-75.94215		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	240		
Hydrologic code:	02040203		
Topographic:	Hillside (slope)		
Site Type:	Ground-water other than Spring		
Const Date:	19820218	Inven Date:	19820218
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	559
Hole depth:	Not Reported	Source:	D
Project no:	Not Reported		

A2
North
0 - 1/8 Mile
Higher

PA WELLS DPA00016482

Site ID:	401921075563301	Type of Site:	well
Local well #:	1398	Date Drilled:	02/18/1982
Well Depth:	559	Longitude:	0755633
Latitude:	401921	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +5 SECONDS	Municipality:	READING
County:	BERKS	Topography:	HILLSIDE
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	20	Quadrangle:	READING
Elevation:	240	Data Reliability:	not fld checked, rptg agency considers it ok
Date Record Created:	09/17/1987	Depth Data Source:	DRILLER
Date Record Updated:	05/16/1991		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	BALDWIN HARDWARE		
Date of Ownership:	02/18/1982	Zip Code:	Not Reported

Other Owner Identification Information:

Other Identifier:	3	ID Assigner:	OWNER PA
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Casing Information:

Casing Top:	0	Casing Bottom:	101
Diameter:	8	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	02/18/1982	Finish:	Not Reported
Const. Data Source:	DRILLER	Construction Method:	AIR ROTARY
Driller:	C S GARBER & SONS INC		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	0	Bottom of the Hole:	Not Reported
Diameter:	8		

Opening Information:

Top opening interval:	148	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock
Top opening interval:	196	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock
Top opening interval:	475	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock

Aquifer Test Information:

Discharge Date:	02/18/1982	Discharge Type:	PUMPED
Data Source:	DRILLER		
Measurement Method:	REPORTED, METHOD NOT KNOWN		
Discharge:	300	SWL:	62.00
WL Data Source:	DRILLER		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	30
Status during measurement:	1		

Pump Intake Information:

Pump Intake:	315
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Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	INDUSTRIAL
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B3
ESE
0 - 1/8 Mile
Lower

PA WELLS DPA00016462

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID:	401918075562901	Type of Site:	well
Local well #:	1443	Date Drilled:	03/28/1985
Well Depth:	297	Longitude:	0755629
Latitude:	401918	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	UPLAND DRAW
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	220	Data Reliability:	not fld checked, rptng agency considers it ok
Date Record Created:	04/30/1987	Depth Data Source:	DRILLER
Date Record Updated:	03/03/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	BALDWIN HARDWARE CORP		
Date of Ownership:	12/21/1984	Zip Code:	Not Reported

Other Owner Identification Information:

Other Identifier:	P. W. 4	ID Assigner:	OWNER PA
Other Identifier:	PA 0011371	ID Assigner:	NPDES PERMIT

Casing Information:

Casing Top:	0.33	Casing Bottom:	17.2
Diameter:	14	Casing Wall Thickness:	Not Reported
Casing Material:	STEEL		
Casing Top:	3	Casing Bottom:	97.4
Diameter:	10	Casing Wall Thickness:	Not Reported
Casing Material:	STEEL		

Construction Information:

Construction Date:	Not Reported	Finish:	Not Reported
Const. Data Source:	DRILLER	Construction Method:	AIR ROTARY
Driller:	C S GARBER & SONS INC		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	UNKNOWN
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	181
Diameter:	10		

Opening Information:

Top opening interval:	121	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock
Top opening interval:	133	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Top opening interval:	143	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock

Aquifer Test Information:

Discharge Date:	03/28/1985	Discharge Type:	PUMPED
Data Source:	DRILLER		
Measurement Method:	REPORTED, METHOD NOT KNOWN		
Discharge:	80	SWL:	63.50
WL Data Source:	DRILLER		
WL Measurement Method:	Not Reported		
Production WL:	147	Drawdown:	83.5
Spec. Cap.:	0.96	Test Length:	24
Status during measurement:	Not Reported		

Seal Information:

Top of Seal:	Not Reported	Bottom of Seal:	4
Type of Seal:	CEMENT GROUT		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	OTHER
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B4
ESE
0 - 1/8 Mile
Lower

FED USGS USGS0896618

Agency:	USGS	Site ID:	401918075562901
Site Name:	BE 1443		
Dec. Latitude:	40.32176		
Dec. Longitude:	-75.94104		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	220		
Hydrologic code:	02040203		
Topographic:	Upland draw		
Site Type:	Ground-water other than Spring		
Const Date:	19850328	Inven Date:	19850328
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	297
Hole depth:	Not Reported	Source:	D
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

B5
East
0 - 1/8 Mile
Lower

PA WELLS

DPA00016472

Site ID:	401919075562601	Type of Site:	well
Local well #:	1444	Date Drilled:	07/13/1985
Well Depth:	146	Longitude:	0755626
Latitude:	401919	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	UPLAND DRAW
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	220	Data Reliability:	not fld checked, rptg agency considers it ok
Date Record Created:	04/27/1987	Depth Data Source:	DRILLER
Date Record Updated:	03/03/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	BALDWIN HARDWARE CORP		
Date of Ownership:	07/13/1985	Zip Code:	Not Reported

Other Owner Identification Information:

Other Identifier:	5	ID Assigner:	OWNER PA
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Casing Information:

Casing Top:	0	Casing Bottom:	3
Diameter:	18	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		
Casing Top:	0	Casing Bottom:	103
Diameter:	14	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		
Casing Top:	0	Casing Bottom:	106
Diameter:	10	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	07/13/1985	Finish:	Not Reported
Const. Data Source:	DRILLER	Construction Method:	AIR ROTARY
Driller:	C S GARBER & SONS INC		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	UNKNOWN
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	0	Bottom of the Hole:	106
Diameter:	10		
Top of the Hole:	106	Bottom of the Hole:	146
Diameter:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Opening Information:

Top opening interval:	135	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock
Top opening interval:	146	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock
Top opening interval:	101	Bottom opening interval:	146
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	STAINLESS STEEL	Type of Opening:	screen

Aquifer Test Information:

Discharge Date:	07/29/1985	Discharge Type:	PUMPED
Data Source:	DRILLER		
Measurement Method:	REPORTED, METHOD NOT KNOWN		
Discharge:	318	SWL:	56.82
WL Data Source:	DRILLER		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	76.7	Drawdown:	Not Reported
Spec. Cap.:	16	Test Length:	24
Status during measurement:	Not Reported		

Pump Intake Information:

Pump Intake: 97

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	OTHER
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**B6
East
0 - 1/8 Mile
Lower**

FED USGS USGS0896615

Agency:	USGS	Site ID:	401919075562601
Site Name:	BE 1444		
Dec. Latitude:	40.32204		
Dec. Longitude:	-75.94021		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	220		
Hydrologic code:	02040203		
Topographic:	Upland draw		
Site Type:	Ground-water other than Spring		
Const Date:	19850713	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	146
Hole depth:	197	Source:	D
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C7
NE
0 - 1/8 Mile
Higher

FED USGS USGS0896679

Agency:	USGS	Site ID:	401923075562801
Site Name:	BE 650		
Dec. Latitude:	40.32315		
Dec. Longitude:	-75.94076		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	260		
Hydrologic code:	02040203		
Topographic:	Hillside (slope)		
Site Type:	Ground-water other than Spring		
Const Date:	19650101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	405
Hole depth:	405	Source:	Not Reported
Project no:	Not Reported		

C8
NE
0 - 1/8 Mile
Higher

PA WELLS DPA00016502

Site ID:	401923075562801	Type of Site:	well
Local well #:	650	Date Drilled:	01/01/1965
Well Depth:	405	Longitude:	0755628
Latitude:	401923	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	HILLSIDE
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	260	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	BALDWIN HARDWARE MFG		
Date of Ownership:	1965	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	51
Diameter:	6.25	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1965	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	AIR ROTARY
Driller:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	405
Diameter:	Not Reported		

Opening Information:

Top opening interval:	160	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock

Aquifer Test Information:

Discharge Date:	03/01/1965	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	35	SWL:	60.00
WL Data Source:	USGS OR PAGES		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	210	Drawdown:	150
Spec. Cap.:	0.23	Test Length:	9
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	INDUSTRIAL
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Water Quality Information:

Date of Measurement:	03/01/1965	Formation Sampled:	374BSPG
Code:	00095	Value:	820
Date of Measurement:	03/01/1965	Formation Sampled:	374BSPG
Code:	00400	Value:	7
Date of Measurement:	03/01/1965	Formation Sampled:	374BSPG
Code:	00900	Value:	270

C9
NE
1/8 - 1/4 Mile
Higher

PA WELLS DPA00016526

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID:	401925075562801	Type of Site:	well
Local well #:	1397	Date Drilled:	01/31/1981
Well Depth:	380	Longitude:	0755628
Latitude:	401925	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +5 SECONDS	Municipality:	READING
County:	BERKS	Topography:	HILLSIDE
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	290	Data Reliability:	not fld checked, rptng agency considers it ok
Date Record Created:	09/17/1987	Depth Data Source:	DRILLER
Date Record Updated:	03/03/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	BALDWIN HARDWARE		
Date of Ownership:	01/31/1981	Zip Code:	Not Reported

Other Owner Identification Information:

Other Identifier:	2	ID Assigner:	OWNER PA
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Casing Information:

Casing Top:	0	Casing Bottom:	68
Diameter:	8	Casing Wall Thickness:	Not Reported
Casing Material:	STEEL		

Construction Information:

Construction Date:	01/31/1981	Finish:	Not Reported
Const. Data Source:	DRILLER	Construction Method:	AIR ROTARY
Driller:	C S GARBER & SONS INC		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	0	Bottom of the Hole:	Not Reported
Diameter:	8		

Opening Information:

Top opening interval:	80	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock
Top opening interval:	94	Bottom opening interval:	Not Reported
Interval Yield:	Not Reported	Type of Packing:	Not Reported
Opening Material:	UNKNOWN	Type of Opening:	fractured rock

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Test Information:

Discharge Date:	01/31/1986	Discharge Type:	PUMPED
Data Source:	DRILLER		
Measurement Method:	REPORTED, METHOD NOT KNOWN		
Discharge:	150	SWL:	50.00
WL Data Source:	DRILLER		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	30
Status during measurement:	1		

Pump Intake Information:

Pump Intake: 280

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	INDUSTRIAL
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C10
NE
1/8 - 1/4 Mile
Higher

FED USGS USGS0896608

Agency:	USGS	Site ID:	401925075562801
Site Name:	BE 1397		
Dec. Latitude:	40.3237		
Dec. Longitude:	-75.94076		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	290		
Hydrologic code:	02040203		
Topographic:	Hillside (slope)		
Site Type:	Ground-water other than Spring		
Const Date:	19810131	Inven Date:	19810131
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	380
Hole depth:	Not Reported	Source:	D
Project no:	Not Reported		

D11
ESE
1/8 - 1/4 Mile
Lower

PA WELLS DPA00016430

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID:	401914075562101	Type of Site:	well
Local well #:	302	Date Drilled:	01/01/1946
Well Depth:	550	Longitude:	0755621
Latitude:	401914	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	HILLTOP
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	240	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	INTERSTATE CONTAINER	Zip Code:	Not Reported
Date of Ownership:	1946		

Casing Information:

Casing Top:	0	Casing Bottom:	48
Diameter:	8	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1946	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	550
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	12/01/1946	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	60	SWL:	25.00
WL Data Source:	USGS OR PAGES		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	250	Drawdown:	225
Spec. Cap.:	0.27	Test Length:	Not Reported
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	DESTROYED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D12
ESE
1/8 - 1/4 Mile
Lower

FED USGS USGS0896621

Agency:	USGS	Site ID:	401914075562101
Site Name:	BE 302		
Dec. Latitude:	40.32065		
Dec. Longitude:	-75.93882		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	240		
Hydrologic code:	02040203		
Topographic:	Hilltop		
Site Type:	Ground-water other than Spring		
Const Date:	19460101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	550
Hole depth:	550	Source:	Not Reported
Project no:	Not Reported		

D13
ESE
1/8 - 1/4 Mile
Lower

FED USGS USGS0896685

Agency:	USGS	Site ID:	401916075561901
Site Name:	BE 304		
Dec. Latitude:	40.3212		
Dec. Longitude:	-75.93826		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	240		
Hydrologic code:	02040203		
Topographic:	Hilltop		
Site Type:	Ground-water other than Spring		
Const Date:	19470101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	700
Hole depth:	700	Source:	Not Reported
Project no:	Not Reported		

D14
ESE
1/8 - 1/4 Mile
Lower

PA WELLS DPA00016439

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID:	401916075561901	Type of Site:	well
Local well #:	304	Date Drilled:	01/01/1947
Well Depth:	700	Longitude:	0755619
Latitude:	401916	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	HILLTOP
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	240	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	INTERSTATE CONTAINER		
Date of Ownership:	1947	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	43.3
Diameter:	8	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1947	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	700
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	04/01/1971	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	154	SWL:	42.00
WL Data Source:	USGS OR PAGS		
WL Measurement Method:	STEEL TAPE		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	10
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	INDUSTRIAL
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Quality Information:

Date of Measurement:	197104	Formation Sampled:	374BSPG
Code:	00010	Value:	17
Date of Measurement:	197104	Formation Sampled:	374BSPG
Code:	00400	Value:	6.7
Date of Measurement:	197104	Formation Sampled:	374BSPG
Code:	00095	Value:	640
Date of Measurement:	197104	Formation Sampled:	374BSPG
Code:	00900	Value:	190

D15
ESE
1/8 - 1/4 Mile
Lower

PA WELLS DPA00016419

Site ID:	401913075561902	Type of Site:	well
Local well #:	303	Date Drilled:	1947
Well Depth:	600	Longitude:	0755619
Latitude:	401913	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	HILLTOP
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	240	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	11/26/1991		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	INTERSTATE CONT AINE		
Date of Ownership:	1947	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	36
Diameter:	8	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1947	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Test Information:

Discharge Date:	1978	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	60	SWL:	32.00
WL Data Source:	UNKNOWN		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	250	Drawdown:	218
Spec. Cap.:	0.28	Test Length:	6
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	DESTROYED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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D16
ESE
1/8 - 1/4 Mile
Lower

FED USGS USGS0896626

Agency:	USGS	Site ID:	401913075561902
Site Name:	BE 303		
Dec. Latitude:	40.32037		
Dec. Longitude:	-75.93826		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	240		
Hydrologic code:	02040203		
Topographic:	Hilltop		
Site Type:	Ground-water other than Spring		
Const Date:	1947	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	600
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

E17
ESE
1/4 - 1/2 Mile
Lower

FED USGS USGS0896698

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	401910075561501
Site Name:	BE 482		
Dec. Latitude:	40.31954		
Dec. Longitude:	-75.93715		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	210		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19480101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	355
Hole depth:	355	Source:	Not Reported
Project no:	Not Reported		

E18
ESE
1/4 - 1/2 Mile
Lower

PA WELLS DPA00016391

Site ID:	401910075561501	Type of Site:	well
Local well #:	482	Date Drilled:	01/01/1948
Well Depth:	355	Longitude:	0755615
Latitude:	401910	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	210	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	O B SWEATER DYERS, I		
Date of Ownership:	1948	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	65
Diameter:	6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1948	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	355
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	02/01/1948	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	30	SWL:	19.00
WL Data Source:	USGS OR PAGS		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	Not Reported
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	UNUSED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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E19
ESE
1/4 - 1/2 Mile
Lower

FED USGS **USGS0896629**

Agency:	USGS	Site ID:	401909075561301
Site Name:	BE 431		
Dec. Latitude:	40.31926		
Dec. Longitude:	-75.9366		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	230		
Hydrologic code:	02040203		
Topographic:	Hillside (slope)		
Site Type:	Ground-water other than Spring		
Const Date:	19480101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	586
Hole depth:	586	Source:	Not Reported
Project no:	Not Reported		

E20
ESE
1/4 - 1/2 Mile
Lower

PA WELLS **DPA00016379**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID:	401909075561301	Type of Site:	well
Local well #:	431	Date Drilled:	01/01/1948
Well Depth:	586	Longitude:	0755613
Latitude:	401909	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	HILLSIDE
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	230	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	GILBERTS ASSOCIATES		
Date of Ownership:	1948	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	47.7
Diameter:	9	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1948	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	586
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	02/01/1948	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	409	SWL:	56.00
WL Data Source:	USGS OR PAGES		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	80	Drawdown:	24
Spec. Cap.:	17	Test Length:	48
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	AIR CONDITIONING
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Quality Information:

Date of Measurement:	02/01/1948	Formation Sampled:	374BSPG
Code:	00900	Value:	310
Date of Measurement:	02/01/1948	Formation Sampled:	374BSPG
Code:	00095	Value:	880
Date of Measurement:	02/01/1948	Formation Sampled:	374BSPG
Code:	00400	Value:	7.5

E21
ESE
1/4 - 1/2 Mile
Lower

FED USGS USGS0896699

Agency:	USGS	Site ID:	401910075561201
Site Name:	BE 428		
Dec. Latitude:	40.31954		
Dec. Longitude:	-75.93632		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	225		
Hydrologic code:	02040203		
Topographic:	Hillside (slope)		
Site Type:	Ground-water other than Spring		
Const Date:	19490101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	346
Hole depth:	346	Source:	Not Reported
Project no:	Not Reported		

E22
ESE
1/4 - 1/2 Mile
Lower

PA WELLS DPA00016392

Site ID:	401910075561201	Type of Site:	well
Local well #:	428	Date Drilled:	01/01/1949
Well Depth:	346	Longitude:	0755612
Latitude:	401910	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	HILLSIDE
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	20	Quadrangle:	READING
Elevation:	220	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	GILBERTS ASSOCIATES		
Date of Ownership:	1949	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	107
Diameter:	7	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Information:

Construction Date:	1949	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	346
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	01/01/1949	Discharge Type:	Not Reported
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	Not Reported	SWL:	35.00
WL Data Source:	USGS OR PAGES		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	Not Reported
Status during measurement:	1		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	RECHARGE		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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E23
ESE
1/4 - 1/2 Mile
Lower

PA WELLS DPA00016401

Site ID:	401911075561101	Type of Site:	well
Local well #:	432	Date Drilled:	01/01/1948
Well Depth:	888	Longitude:	0755611
Latitude:	401911	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	HILLSIDE
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	230	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	GILBERTS ASSOCIATES	Zip Code:	Not Reported
Date of Ownership:	1948		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Information:

Casing Top:	0	Casing Bottom:	110
Diameter:	8	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1948	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	888
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	04/01/1971	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	383	SWL:	11.00
WL Data Source:	USGS OR PAGES		
WL Measurement Method:	STEEL TAPE		
Production WL:	91	Drawdown:	80
Spec. Cap.:	4.79	Test Length:	86
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	AIR CONDITIONING
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E24
ESE
1/4 - 1/2 Mile
Lower

FED USGS USGS0896694

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	401911075561101
Site Name:	BE 432		
Dec. Latitude:	40.31981		
Dec. Longitude:	-75.93604		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	230		
Hydrologic code:	02040203		
Topographic:	Hillside (slope)		
Site Type:	Ground-water other than Spring		
Const Date:	19480101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	888
Hole depth:	888	Source:	Not Reported
Project no:	Not Reported		

**F25
SSE
1/4 - 1/2 Mile
Lower**

FED USGS USGS0896708

Agency:	USGS	Site ID:	401857075561701
Site Name:	BE 430		
Dec. Latitude:	40.31593		
Dec. Longitude:	-75.93771		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	260		
Hydrologic code:	02040203		
Topographic:	Hillside (slope)		
Site Type:	Ground-water other than Spring		
Const Date:	19550101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	370CMBR		
Aquifer type:	Not Reported	Well depth:	150
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

**F26
SSE
1/4 - 1/2 Mile
Lower**

PA WELLS DPA00016274

Site ID:	401857075561701	Type of Site:	well
Local well #:	430	Date Drilled:	01/01/1955
Well Depth:	150	Longitude:	0755617
Latitude:	401857	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	HILLSIDE
Formation:	370CMBR	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	260	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	01/09/1992		
Agency use of site:	Inventory Data Site Only		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner Information:

Owner:	KURTZ BROS CONC RETE	Zip Code:	Not Reported
Date of Ownership:	1955		

Casing Information:

Casing Top:	0	Casing Bottom:	60
Diameter:	8	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1955	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	DOLOMITE
Formation Code:	370CMBR		

Aquifer Test Information:

Discharge Date:	04/01/1971	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	94	SWL:	23.00
WL Data Source:	USGS OR PAGES		
WL Measurement Method:	STEEL TAPE		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	Not Reported
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	INDUSTRIAL
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Water Quality Information:

Date of Measurement:	04/01/1971	Formation Sampled:	370CMBR
Code:	00900	Value:	240
Date of Measurement:	04/01/1971	Formation Sampled:	370CMBR
Code:	00095	Value:	650
Date of Measurement:	04/01/1971	Formation Sampled:	370CMBR
Code:	00400	Value:	7.1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

27
NE
1/4 - 1/2 Mile
Lower

FED USGS USGS0896598

Agency:	USGS	Site ID:	401934075560601
Site Name:	BE SP9		
Dec. Latitude:	40.3262		
Dec. Longitude:	-75.93465		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	198		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Spring		
Const Date:	Not Reported	Inven Date:	1965
Well Type:	Spring		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	Not Reported
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

G28
SSW
1/2 - 1 Mile
Lower

PA WELLS DPA00016231

Site ID:	401852075564101	Type of Site:	well
Local well #:	456	Date Drilled:	01/01/1954
Well Depth:	278	Longitude:	0755641
Latitude:	401852	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	240	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	CITY OF READING	Zip Code:	Not Reported
Date of Ownership:	1954		

Casing Information:

Casing Top:	0	Casing Bottom:	40
Diameter:	5.6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1954	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	278
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	04/01/1971	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	40	SWL:	4.00
WL Data Source:	USGS OR PAGS		
WL Measurement Method:	STEEL TAPE		
Production WL:	9	Drawdown:	5
Spec. Cap.:	8	Test Length:	Not Reported
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	UNUSED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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G29
SSW
1/2 - 1 Mile
Lower

FED USGS USGS0896642

Agency:	USGS	Site ID:	401852075564101
Site Name:	BE 456		
Dec. Latitude:	40.31454		
Dec. Longitude:	-75.94438		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	240		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19540101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	278
Hole depth:	278	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H30
NE
1/2 - 1 Mile
Lower

FED USGS USGS0896527

Agency:	USGS	Site ID:	401938075560401
Site Name:	BE 1559		
Dec. Latitude:	40.32731		
Dec. Longitude:	-75.9341		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	195		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	1994	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	400
Hole depth:	Not Reported	Source:	O
Project no:	Not Reported		

H31
ENE
1/2 - 1 Mile
Lower

FED USGS USGS0896593

Agency:	USGS	Site ID:	401936075560001
Site Name:	BE 69		
Dec. Latitude:	40.32676		
Dec. Longitude:	-75.93299		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	200		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	400
Hole depth:	400	Source:	Not Reported
Project no:	Not Reported		

H32
ENE
1/2 - 1 Mile
Lower

PA WELLS DPA00016619

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID:	401936075560001	Type of Site:	well
Local well #:	69	Date Drilled:	Not Reported
Well Depth:	400	Longitude:	0755600
Latitude:	401936	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +5 SECONDS	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	200	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	HOPPER PAPER CO	Zip Code:	Not Reported
Date of Ownership:	1971		

Construction Information:

Construction Date:	Not Reported	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	400
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	Not Reported	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported	SWL:	Not Reported
Discharge:	60		
WL Data Source:	Not Reported	Drawdown:	Not Reported
WL Measurement Method:	Not Reported	Test Length:	Not Reported
Production WL:	Not Reported		
Spec. Cap.:	Not Reported		
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	DESTROYED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H33
NE
1/2 - 1 Mile
Lower

PA WELLS DPA00016650

Site ID:	401940075560301	Type of Site:	well
Local well #:	68	Date Drilled:	Not Reported
Well Depth:	600	Longitude:	0755603
Latitude:	401940	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +5 SECONDS	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	200	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	HOPPER PAPER CO	Zip Code:	Not Reported
Date of Ownership:	1971		

Casing Information:

Casing Top:	0	Casing Bottom:	Not Reported
Diameter:	6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	Not Reported	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	600
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	Not Reported	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	60	SWL:	Not Reported
WL Data Source:	Not Reported		
WL Measurement Method:	Not Reported		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	Not Reported
Status during measurement:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	DESTROYED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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H34
NE
1/2 - 1 Mile
Lower

FED USGS USGS0896521

Agency:	USGS	Site ID:	401940075560301
Site Name:	BE 68		
Dec. Latitude:	40.32787		
Dec. Longitude:	-75.93382		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	200		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	600
Hole depth:	600	Source:	Not Reported
Project no:	Not Reported		

I35
ENE
1/2 - 1 Mile
Lower

PA WELLS DPA00016607

Site ID:	401935075555801	Type of Site:	well
Local well #:	70	Date Drilled:	Not Reported
Well Depth:	200	Longitude:	0755558
Latitude:	401935	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +5 SECONDS	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	200	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	HOPPER PAPER CO	Zip Code:	Not Reported
Date of Ownership:	1971		

Construction Information:

Construction Date:	Not Reported	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	200
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	Not Reported	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	60	SWL:	Not Reported
WL Data Source:	Not Reported		
WL Measurement Method:	Not Reported		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	Not Reported
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	DESTROYED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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**I36
ENE
1/2 - 1 Mile
Lower**

FED USGS USGS0896595

Agency:	USGS	Site ID:	401935075555801
Site Name:	BE 70		
Dec. Latitude:	40.32648		
Dec. Longitude:	-75.93243		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	200		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	200
Hole depth:	200	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H37
NE
1/2 - 1 Mile
Lower

FED USGS USGS0896592

Agency:	USGS	Site ID:	401941075560201
Site Name:	BE 1558		
Dec. Latitude:	40.32815		
Dec. Longitude:	-75.93354		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	201		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	1994	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	400
Hole depth:	Not Reported	Source:	O
Project no:	Not Reported		

J38
NE
1/2 - 1 Mile
Lower

PA WELLS DPA00016678

Site ID:	401944075560401	Type of Site:	well
Local well #:	505	Date Drilled:	01/01/1946
Well Depth:	596	Longitude:	0755604
Latitude:	401944	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	200	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	B & J SAYLOR FOODS C	Zip Code:	Not Reported
Date of Ownership:	1946		

Casing Information:

Casing Top:	0	Casing Bottom:	22
Diameter:	6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1946	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	596
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	02/01/1946	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	190	SWL:	8.00
WL Data Source:	USGS OR PAGS		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	24
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	DESTROYED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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**J39
NE
1/2 - 1 Mile
Lower**

FED USGS USGS0896587

Agency:	USGS	Site ID:	401944075560401
Site Name:	BE 505		
Dec. Latitude:	40.32898		
Dec. Longitude:	-75.9341		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	200		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19460101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	596
Hole depth:	596	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K40
NE
1/2 - 1 Mile
Lower

PA WELLS DPA00016644

Site ID:	401939075555501	Type of Site:	well
Local well #:	446	Date Drilled:	Not Reported
Well Depth:	Not Reported	Longitude:	0755555
Latitude:	401939	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	210	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	03/03/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	BERKS PACKING CO, IN	Zip Code:	Not Reported
Date of Ownership:	1940		

Casing Information:

Casing Top:	0	Casing Bottom:	Not Reported
Diameter:	6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	Not Reported	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	UNUSED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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K41
NE
1/2 - 1 Mile
Lower

FED USGS USGS0896524

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	401939075555501
Site Name:	BE 446		
Dec. Latitude:	40.32759		
Dec. Longitude:	-75.9316		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	210		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	Not Reported
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

L42
NE
1/2 - 1 Mile
Lower

PA WELLS DPA00016672

Site ID:	401943075555501	Type of Site:	well
Local well #:	503	Date Drilled:	01/01/1941
Well Depth:	387	Longitude:	0755555
Latitude:	401943	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	210	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	GRAFF BROS TRADING C		
Date of Ownership:	1941	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	33.5
Diameter:	6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1941	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	387
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	04/01/1941	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	70	SWL:	20.00
WL Data Source:	USGS OR PAGS		
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production WL:	161	Drawdown:	141
Spec. Cap.:	0.5	Test Length:	Not Reported
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	UNUSED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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L43
NE
1/2 - 1 Mile
Lower

FED USGS USGS0896590

Agency:	USGS	Site ID:	401943075555501
Site Name:	BE 503		
Dec. Latitude:	40.3287		
Dec. Longitude:	-75.9316		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	210		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19410101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	387
Hole depth:	387	Source:	Not Reported
Project no:	Not Reported		

M44
NE
1/2 - 1 Mile
Lower

PA WELLS DPA00016792

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID: 401956075560101	Type of Site: well
Local well #: 437	Date Drilled: 01/01/1925
Well Depth: 175	Longitude: 0755601
Latitude: 401956	Hydrologic Unit: 02040203
Lat/Long Accuracy: ACCURATE TO +1 SECOND	Municipality: READING
County: BERKS	Topography: VALLEY FLAT
Formation: 371MLBC	Elevation Method: interpolated from topographic map
Elevation Accuracy: 10	Quadrangle: READING
Elevation: 200	Data Reliability: field checked by reporting agency
Date Record Created: 12/06/1976	Depth Data Source: UNKNOWN
Date Record Updated: 06/01/1990	
Agency use of site: Inventory Data Site Only	

Owner Information:

Owner: CHESTNUT OPERAT ING	
Date of Ownership: 1925	Zip Code: Not Reported

Casing Information:

Casing Top: 0	Casing Bottom: Not Reported
Diameter: 5.6	Casing Wall Thickness: Not Reported
Casing Material: UNKNOWN	

Construction Information:

Construction Date: 1925	Finish: Not Reported
Const. Data Source: UNKNOWN	Construction Method: CABLE TOOL
Driller: Not Reported	

Geohydrologic Information:

Top of Interval: Not Reported	Bottom of Interval: Not Reported
Contributing Unit: PRIMARY	Lithology: LIMESTONE
Formation Code: 371MLBC	

Hole Information:

Top of the Hole: Not Reported	Bottom of the Hole: 175
Diameter: Not Reported	

Aquifer Test Information:

Discharge Date: 07/01/1971	Discharge Type: PUMPED
Data Source: Not Reported	
Measurement Method: Not Reported	
Discharge: 150	SWL: 22.00
WL Data Source: USGS OR PAGS	
WL Measurement Method: STEEL TAPE	
Production WL: 37	Drawdown: 15
Spec. Cap.: 10	Test Length: Not Reported
Status during measurement: Not Reported	

Site Use Information:

Date of Use: Not Reported	Note: Not Reported
Site Use: WITHDRAWAL	

Water Use Information:

Use Date: Not Reported	Use: INDUSTRIAL
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M45
NE
1/2 - 1 Mile
Lower

FED USGS USGS0896510

Agency:	USGS	Site ID:	401956075560101
Site Name:	BE 437		
Dec. Latitude:	40.33232		
Dec. Longitude:	-75.93326		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	200		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19250101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	371MLBC		
Aquifer type:	Not Reported	Well depth:	175
Hole depth:	175	Source:	Not Reported
Project no:	Not Reported		

M46
NNE
1/2 - 1 Mile
Lower

FED USGS USGS0896506

Agency:	USGS	Site ID:	401958075560201
Site Name:	BE 436		
Dec. Latitude:	40.33287		
Dec. Longitude:	-75.93354		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	200		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19250101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	371MLBC		
Aquifer type:	Not Reported	Well depth:	175
Hole depth:	175	Source:	Not Reported
Project no:	Not Reported		

M47
NNE
1/2 - 1 Mile
Lower

PA WELLS DPA00016804

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID:	401958075560201	Type of Site:	well
Local well #:	436	Date Drilled:	01/01/1925
Well Depth:	175	Longitude:	0755602
Latitude:	401958	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	371MLBC	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	200	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	CHESTNUT OPERATING C		
Date of Ownership:	1925	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	Not Reported
Diameter:	5.6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1925	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	371MLBC		

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	175
Diameter:	Not Reported		

Pump Intake Information:

Pump Intake:	120
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Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	INDUSTRIAL
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N48
SSW
1/2 - 1 Mile
Lower

FED USGS USGS0896653

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	401840075570501
Site Name:	BE 147		
Dec. Latitude:	40.3112		
Dec. Longitude:	-75.95104		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	280		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19530101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	374BSPG		
Aquifer type:	Not Reported	Well depth:	67
Hole depth:	67	Source:	Not Reported
Project no:	Not Reported		

**N49
SSW
1/2 - 1 Mile
Lower**

PA WELLS DPA00016120

Site ID:	401840075570501	Type of Site:	well
Local well #:	147	Date Drilled:	01/01/1953
Well Depth:	67	Longitude:	0755705
Latitude:	401840	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +5 SECONDS	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	374BSPG	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	20	Quadrangle:	READING
Elevation:	280	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	06/01/1990		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	VARRICHONE, ANTHONY		
Date of Ownership:	1953	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	50
Diameter:	6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1953	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	LIMESTONE
Formation Code:	374BSPG		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hole Information:

Top of the Hole:	Not Reported	Bottom of the Hole:	67
Diameter:	Not Reported		

Aquifer Test Information:

Discharge Date:	05/01/1953	Discharge Type:	PUMPED
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	15	SWL:	35.00
WL Data Source:	UNKNOWN		
WL Measurement Method:	UNKNOWN		
Production WL:	36	Drawdown:	1
Spec. Cap.:	15	Test Length:	Not Reported
Status during measurement:	Not Reported		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	UNUSED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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O50
ESE
1/2 - 1 Mile
Lower

PA WELLS DPA00016232

Site ID:	401852075553901	Type of Site:	well
Local well #:	439	Date Drilled:	Not Reported
Well Depth:	62	Longitude:	0755539
Latitude:	401852	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +1 SECOND	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	370CMBR	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	250	Data Reliability:	field checked by reporting agency
Date Record Created:	12/06/1976	Depth Data Source:	UNKNOWN
Date Record Updated:	01/09/1992		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	PRIZER-PAINTER STOVE		
Date of Ownership:	1971	Zip Code:	Not Reported

Casing Information:

Casing Top:	0	Casing Bottom:	Not Reported
Diameter:	6	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	Not Reported	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	CABLE TOOL
Driller:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	DOLOMITE
Formation Code:	370CMBR		

Aquifer Test Information:

Discharge Date:	04/01/1971	Discharge Type:	Not Reported
Data Source:	Not Reported		
Measurement Method:	Not Reported		
Discharge:	Not Reported	SWL:	41.00
WL Data Source:	USGS OR PAGS		
WL Measurement Method:	STEEL TAPE		
Production WL:	Not Reported	Drawdown:	Not Reported
Spec. Cap.:	Not Reported	Test Length:	Not Reported
Status during measurement:	1		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	UNUSED		

Water Use Information:

Use Date:	Not Reported	Use:	UNUSED
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O51
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS0896643**

Agency:	USGS	Site ID:	401852075553901
Site Name:	BE 439		
Dec. Latitude:	40.31454		
Dec. Longitude:	-75.92715		
Coord Sys:	NAD83		
State:	PA		
County:	Berks County		
Altitude:	250		
Hydrologic code:	02040203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	370CMBR		
Aquifer type:	Not Reported	Well depth:	62
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

52
East
1/2 - 1 Mile
Lower

PA WELLS **DPA00016551**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site ID:	401928075552601	Type of Site:	well
Local well #:	1527	Date Drilled:	1993
Well Depth:	268	Longitude:	0755526
Latitude:	401928	Hydrologic Unit:	02040203
Lat/Long Accuracy:	ACCURATE TO +5 SECONDS	Municipality:	READING
County:	BERKS	Topography:	VALLEY FLAT
Formation:	370CMBR	Elevation Method:	interpolated from topographic map
Elevation Accuracy:	10	Quadrangle:	READING
Elevation:	210	Data Reliability:	not fld checked, rptng agency considers it ok
Date Record Created:	11/05/1993	Depth Data Source:	PRIVATE/UNIV GEOLOGIST
Date Record Updated:	11/05/1993		
Agency use of site:	Inventory Data Site Only		

Owner Information:

Owner:	UNITED CORRSTACK INC		
Date of Ownership:	06/17/1993	Zip Code:	Not Reported

Other Owner Identification Information:

Other Identifier:	1	ID Assigner:	OWNER PA
Other Identifier:	D-93- 40	ID Assigner:	DRBC

Casing Information:

Casing Top:	0	Casing Bottom:	179
Diameter:	Not Reported	Casing Wall Thickness:	Not Reported
Casing Material:	UNKNOWN		

Construction Information:

Construction Date:	1993	Finish:	Not Reported
Const. Data Source:	UNKNOWN	Construction Method:	AIR ROTARY
Driller:	Not Reported		

Geohydrologic Information:

Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Contributing Unit:	PRIMARY	Lithology:	DOLOMITE
Formation Code:	370CMBR		

Site Use Information:

Date of Use:	Not Reported	Note:	Not Reported
Site Use:	WITHDRAWAL		

Water Use Information:

Use Date:	Not Reported	Use:	INDUSTRIAL
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: PA Radon

Test Result Statistics

Zip	Total Sites	Min pCi/L	Max pCi/L	Avg pCi/L
19611	86	.2	51.4	5.7

EPA Region 3 Statistical Summary Readings for Zip Code: 19611

Number of sites tested: 113.

Maximum Radon Level: 76.2 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
59 (52.21%)	31 (27.43%)	14 (12.39%)	6 (5.31%)	3 (2.65%)	0 (0.00%)

Federal EPA Radon Zone for BERKS County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Pennsylvania Public Water Supply Wells

Source: Pennsylvania Department of Environmental Resources Bureau of Water Supply
Telephone: 717-787-5017

Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources
Telephone: 717-783-7258

RADON

State Database: PA Radon

Source: Department of Environmental Protection
Telephone: 717-783-3594
Radon Test Results Statistics by Zip Code

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA
Telephone: 215-814-2082
Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration



The EDR-City Directory
Abstract

**Baldwin Hardware Manufacturing
841 Wyomissing Boulevard
Reading, PA 19603**

July 09, 2003

Inquiry Number: 1006941-8

***The Source
For Environmental
Risk Management
Data***

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.

City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice."* (ASTM E 1527-00, Section 7.3.4, page 12.)

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)
with questions or comments about your report.
Thank you for your business!

Disclaimer

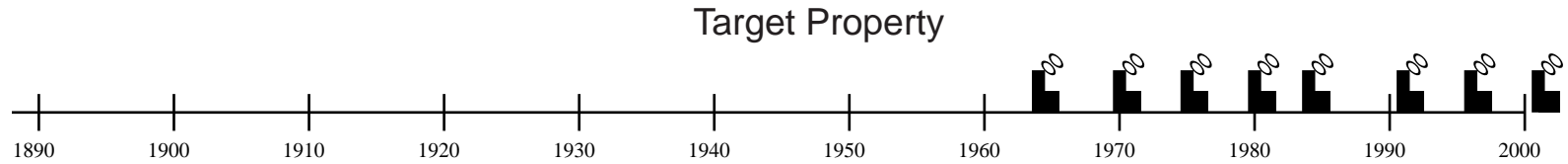
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Prior Use Report® Timeline



Legend:

 = Historical Topographic Map (HT)

 = National Wetland Inventory Map (WT) *

Superscript number corresponds to graph ID in text


**Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*

 = Flood Prone/FEMA Maps (FP/FR) *

 = Aerial Photos Included (P) *

 = Aerial Photos Available *

 = Residential (R)

 = Commercial or Industrial (C)

Target Property: Baldwin Hardware Manufacturing
Address: 841 Wyomissing Boulevard
City/State/Zip: Reading, PA 19603

Customer: Loureiro Engineering Assoc. PC
Contact: David N. Scotti
Inquiry #: 1006941-8
Date: 7/9/2003

4. SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1954 through 2002. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources:
City Directories Jul 09, 2003

Target Property:
841 Wyomissing Boulevard
Reading, PA 19603

<u>PUR ID</u>			<u>Source</u>
<u>Year</u>	<u>Uses</u>		
-- 1954	Address not Listed in Research Source		Polk City Directory
-- 1958	Address not Listed in Research Source		Polk City Directory
-- 1965	Baldwin Hardware Mfg Corp Ewarts-Baldwin Forgings Co		Polk City Directory
-- 1971	Baldwin Hardware Mfg Corp		Polk City Directory
-- 1976	Baldwin Hardware Mfg Corp		Polk City Directory
-- 1981	Baldwin Hardware Mfg Corp		Polk City Directory
-- 1985	Baldwin Hardware Mfg Corp (Div Masco Corp)		Polk City Directory
-- 1992	Baldwin Hardware Corp (Div Masco Corp)		Polk City Directory
-- 1997	Baldwin Brass Masco Retail Svcs		Polk City Directory
-- 2002	Baldwin Hardware Corp		Polk City Directory

Adjoining Properties

SURROUNDING
Multiple Addresses
Reading, PA 19603

<u>PUR ID</u>			<u>Source</u>
<u>Year</u>	<u>Uses</u>		
1954	Address not Listed in Research Source		Polk City Directory
1958	Address not Listed in Research Source		Polk City Directory
1965	<u>**WYOMISSING BLVD**</u> Lester Schweitzer Svc Station (815) Vacant (825) Address not listed in research source (850) Weis Market (901) Holy Name High School (955) William Dzurek Svc Station (958)		Polk City Directory

PUR ID**Year Uses****Source**

1965 (continued)

-No other addresses within range

1971 ****WYOMISSING BLVD****

Vacant (815)

Baldwin Hardware Mfg Corp (Shipping Dept) (825)

Address not listed in research source (850)

Weis Market (901)

Holy Name High School (955)

-No other addresses within range

Polk City Directory

1976 ****WYOMISSING BLVD****

Baldwin Hardware Mfg Corp (Shipping Dept) (825)

Address not listed in research source (850)

Penn Dept Of Public Welfare-Berks County Board Of Asst (901)

Holy Name High School (955)

-No other addresses within range

Polk City Directory

1981 ****WYOMISSING BLVD****

Baldwin Hardware Mfg Corp (Shipping Dept) (825)

Address not listed in research source (850)

Penn Dept Of Public Welfare-Berks County Board Of Asst (901)

Holy Name High School (955)

-No other addresses within range

Polk City Directory

1985 ****WYOMISSING BLVD****

Baldwin Hardware Mfg Corp (Shipping Dept) (825)

Address not listed in research source (850)

Baldwin Hardware (Overflow) (901)

Holy Name High School (955)

-No other addresses within range

Polk City Directory

1992 ****WYOMISSING BLVD****

McGlinn Capital Management (850)

Holy Name High School (955)

-No other addresses within range

Polk City Directory

1997 ****WYOMISSING BLVD****

Holy Name High School (955)

-No other addresses within range

Polk City Directory

2002 ****WYOMISSING BLVD****

Holy Name High School (955)

Polk City Directory

PUR ID

Year **Uses**

Source

2002 (continued)
-No other addresses within range



"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: David N. Scotti

Loureiro Engineering Assoc. PC

100 Northwest Drive

Plainville, CT 06062

Order Date: 7/3/2003

Completion Date: 7/7/2003

Inquiry #: 1006941.6s

P.O. #: NA

Site Name: Baldwin Hardware Manufacturing Corporation

Address: 841 Wyomissing Boulevard

City/State: Reading, PA 19603

Customer Project: 07md304.001

1010359DJV

860-747-6181

Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client-supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

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